CLAIMS

What is claimed is:

1. A method, comprising:

generating a first set of image pixels having corresponding printing hints, and

adjusting the printing hints to produce a second set of image pixels processed to result in an end print visually substantially equivalent to a printed result using the first set of image pixels.

2. The method according to Claim 1, further comprising:

adjusting printing hints for image pixels that are fully saturated wherein fully saturated pixels that are adjacent to pixels with printing hints indicating the are edge pixels will have their printing hints changed to indicate that they are edge pixels.

3. The method according to Claim 2, further comprising:

adjusting printing hints for image pixels that are zero wherein zero pixels that are adjacent to pixels with printing hints indicating they are edge pixels will have their printing hints changed to indicate that they are edge pixels.

4. The method according to Claim 1, further comprising:

losslessly compressing the adjusted printing hints.

5. The method according to Claim 1, further comprising:

using run length compression to compress the adjusted printing hints.

6. The method according to Claim 1, further comprising:

adjusting printing hints for a saturated pixel from a text pixel to edge pixel when there is no significant change in the end printed result.

7. The method according to Claim 1, further comprising:

reducing entropy in the printing hints by greater than forty percent.

8. A method, comprising:

generating image pixels having corresponding printing hints; and

processing saturated pixels with different rendering hints values in a manner to be indistinguishable to the human eye.

9. The method according to Claim 8, further comprising:

processing a saturated pixel from a text pixel to an edge pixel with no significant change in an output image.

10. The method according to Claim 8, further comprising:

processing a zero pixel from a background pixel to an edge pixel with no significant change in an output image.

11. The method according to Claim 8, further comprising:

compressing the different rendering hint values using run length encoding.

12. The method according to Claim 8, further comprising:

losslessly compressing the different rendering printing hint.

13. A printer comprising:

a contone rendering module for generating a first set of image pixels having corresponding printing hints for processing saturated pixels thereby producing different printing hint values, and

an image output terminal for receiving the different printing hint values to produce a second set of image pixels processed to result in an end print visually substantially equivalent to a printed result using the first set of image pixels.

14. The printer according to Claim 13, wherein the contone rendering module produces different printing hint values wherein fully saturated pixels that are adjacent to pixels with printing hints indicating the are edge pixels will have their printing hints changed to indicate that they are edge pixels.

15. The printer according to Claim 13, wherein the contone rendering module produces different printing hint values for image pixels that are zero wherein zero pixels that are adjacent to pixels with printing hints indicating they are edge pixels will have their printing hints changed to indicate that they are edge pixels.

16. The printer according to Claim 13, wherein the contone rendering module losslessly compresses the different printing hint values.

17. The printer according to Claim 13, wherein the contone rendering module produces use run length compression to compress the adjusted printing hint values.

18. The printer according to Claim 13, wherein the contone rendering module adjusts printing hint values for a saturated pixel from a text pixel to edge pixel when there is no significant change in the end printed result.

19. The printer according to Claim 13, wherein the contone rendering module reduces entropy in the printing hints by greater than forty percent.

20. The printer according to Claim 13, wherein the contone rendering module uses more than one compression algorithms.